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Total Number of Pages in This Submission

Application No.	10/656,628
Filing Date	September 5, 2003
First Named Inventor	Yoshihide SENZAKI
Examiner Name	Not yet assigned
Group Art Unit	2812
Attorney Docket No.	A-71730/MSS (463035-878)

			ENCLOSURES	(che	ck all tha	at apply)
Fee Trai	nsmittal Form		Assignment Papers (for an Application)			After Allowance Communication to Group
Fee Atta	ched		Drawing(s)			Appeal Communication to Board of Appeals and Interferences
Amendn	Amendment / Reply		Licensing-related Pa	pers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final			Petition			Proprietary Information
Affidavit	s/declaration(s)		Petition to Convert to Provisional Application			Status Letter
Extension of Time Request			Power of Attorney, Revocation Change Correspondence Add		\boxtimes	Other Enclosure(s) (please identify below):
Express	Express Abandonment Request		Terminal Disclaimer			Form PTO/SB/08A (3 pgs.); 24 references; and self-addressed stamped Postcard.
Information Disclosure Statement (2 pgs.)		Request for Refund				
	Certified Copy of Priority Document(s)			CD, No. of CD(s)		
Incomple Respons	se to Missing Parts/ ete Application se to Missing Parts under 1.52 or 1.53	Remarks				
		OF A	PPLICANT, ATTO	RNEY, O	R AGE	NT
Firm or Individual name	Maria S. Swiatek, Esq DORSEY & WHITNEY 4 Embarcadero Cente San Francisco, CA 94 Telephone: 650-494-	/ LLP r, Sui 111	·	Custo	omer N	Number 32940
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Date March 15, 2004				_		
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PATENT

Attorney Docket No. A-71730/MSS Dorsey File No. 463035-878

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SENZAKI et al.

U.S. Serial No.: 10/656,628

F,iling Date: September 5, 2003

For: Low Temperature Deposition of Silicon Based Thin Films by Single-Wafer Hot-Wall Rapid Thermal Chemical Vapor Deposition Examiner: Not yet assigned

Art Unit: 2812

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA

22313-1450 on March 15, 2004

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Kari Patemar

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. In accordance with 1273 Off. Gaz. Pat. Off. 1, 8/5/2003, no copies of U.S. patents and U.S. published applications are enclosed. Copies of all other references are enclosed.

None of the foregoing references is believed to disclose the invention as claimed.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

Serial No.:

10/656,628

ng Date:

September 5, 2003

Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

As far as is known to the undersigned, this Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national state in an international application, or before the mailing date of a first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

While no fee is believed to be due, if this belief is in error the Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 463035-878 [A-71730/MSS]).

Please direct any calls in connection with this application to the undersigned at (650) 494-8700.

Respectfully submitted,

DORSEY & WHITNEY LLP

Dated: 3-15-04

BY:

Customer Number: 32940

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24 References

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Sheet

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known	
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Attorney Docket Number	A-71730/MSS	

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
	A1	4,239,811	12-16-1980	Kemlage						
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FOREIGN PATENT DOCUMENTS										
Examiner Initials* Cite No. Cite No. Country Code ² Number ⁴ Kind Code ⁵ (if known) Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known) Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Cc Relevant I										
B1	EP 0 260 473 A1	03-23-1988	IBM							
B2	EP 1 047 117 A2	10-25-2000	Oki Electric Ind. Co. Ltd.							
										
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	Substitute for fo		A/PTO ·		Complete if Known	
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l IN	IFORMATION	DISC	CLOSURE	Filing Date	September 5, 2003	
S	TATEMENT B	Y AF	PLICANT	First Named Inventor	Yoshihide SENZAKI	
				Art Unit	2812	
(use as many sheets as necessary)			cessary)	Examiner Name	Not yet assigned	
Sheet	2	of	3	Attorney Docket Number	A-71730/MSS	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T6
	C1	Author Unknown, "Wafer Processing News: Nitride Gate Dielectric, Poly/W Electrode Enable 100nm CMOS", 2000, Cahners Semiconductor International, at http://www.semiconductor.net/semiconductor/issues/issues/2000/20001/six001wp.asp, p. 1.	
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	C4	HENDA, R., et al., "Experimental and chemical kinetic study of silicon nitride via LPCVD at low temperature from disilane and ammonia", Journal De Physique IV, 1993, 3: 395-402.	
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	C20	TAYLOR, R.C., et al., "LPCVD of Silicon Nitride Films from Hexachlorodisilane and Ammonia", <i>Mat. Res. Soc. Symp. Proc.</i> , 1988, 105: 319-325.					
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